

Utah's Vital Statistics
Abortions
1997

Office of Public Health Data
Bureau of Vital Records



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Abortions
1997

January 30, 1998
Technical Report No. 206

For more information contact:

Utah Department of Health
Office of Public Health Data

BUREAU OF VITAL RECORDS
288 N 1460 W
PO BOX 141012
SALT LAKE CITY UT 84114-1012

Phone: (801) 538-6301
Fax: (801) 538-7012
Email: vrequest@doh.state.ut.us
Internet address: <http://www.health.state.ut.us/bvr>

Barry Nangle, Ph.D.
Director



Preface

This 1997 report is the twentieth in a series on legally induced abortions in Utah. Previous reports were for the years 1974-1975, 1975-1977, 1978-1980, and each year since 1981.

Basic tabulations are published annually that provide needed information to planners, public officials, researchers, students and the general public. If you have comments or suggestions about the content and/or format of this report, please address them to one of the addresses on the title page.

This report is processed by the staff of the Bureau of Vital Records under the direction of Barry Nangle, Ph.D., Director. Jeff Duncan was primarily responsible for preparation of the statistical tabulations and the manuscript was prepared for printing by Cynthia Robison.



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1997 Summary Tables:
Abortions



Table 1. Estimated population, females ages 15-44, resident live births, abortions, and abortion rates and ratios: Utah, 1980-1997

Year	Estimated population females ages 15-44 ¹	Resident births	Abortions			
			Occurrence number	Residents number	Rate ²	Ratio ³
1980**	339,799	41,786	4,086	3,821	11.2	91.4
1981*	351,700	41,286	3,842	3,576	10.2	86.6
1982*	361,040	41,537	3,987	3,806	10.5	91.6
1983*	368,973	39,441	3,775	3,587	9.7	90.9
1984*	374,597	38,286	4,022	3,877	10.3	101.3
1985*	378,827	37,441	4,129	3,928	10.4	104.9
1986*	382,834	36,383	4,450	4,157	10.9	114.3
1987*	385,698	35,285	4,732	4,191	10.9	118.8
1988*	387,881	36,040	4,732	4,149	10.7	115.1
1989*	390,989	35,558	4,950	4,305	11.0	121.1
1990***	395,781	36,253	4,796	4,159	10.5	114.7
1991***	409,884	36,019	4,213	3,759	9.2	104.4
1992***	422,735	37,198	3,941	3,525	8.3	94.8
1993*** ****	435,701	37,048	3,945	3,615	8.3	97.6
1994***	450,381	38,271	3,610	3,304	7.3	86.3
1995*** ****	462,767	39,554	3,705	3,292	7.1	83.2
1996****	474,584	42,056	3,639	3,293	6.9	78.3
1997****	485,705	43,009	3,408	3,140	6.5	73.0

¹Population projections/estimates are revised as historical data becomes available and the rates may not agree with previous reports.

²Rates are per 1,000 females 15 to 44 years of age.

³Ratios are per 1,000 live births.

*Rates for years prior to 1978 are not updated annually. Population source: unpublished July 1 historical estimates/projections from the Utah Office of Planning and Budget, Economic and Demographic Analysis section, January 1993 and September 1994.

**Population source: April 1 U.S. Census MARS population.

***Population source: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Demographic Data Retrieval, Analysis and Graphing system at the internet site: <http://www.governor.state.ut.us/dea/Projections/projections.html>; December 30, 1998.

****Abortions ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. Birth updates can be viewed at the Bureau of Vital Records' internet site (<http://www.health.state.ut.us/bvr/html/summary.html>).

Table 2. Abortions occurring in Utah by state of residence: 1997

State of Residence	Frequency	Percent
Total	3,408	100.0
Arizona	2	0.1
California	3	0.1
Colorado	4	0.1
Idaho	92	2.7
Kansas	1	0.0
Montana	2	0.1
Nevada	25	0.7
Ohio	1	0.0
Oregon	1	0.0
Texas	1	0.0
Utah	3,132	91.9
Wyoming	141	4.1
Rest of World	1	0.0
Unknown	2	0.1

Table 3. Abortions, live births and abortion ratios by health district and county of residence: Utah, 1980 and 1985-1997

District and residence	1997		Abortion ratios ¹ by year													
	Births	Abortions	1997	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993 ²	1994	1995 ²	1996
Total	43,009	3,140	73.0	91.4	104.9	114.3	118.8	115.1	121.1	114.7	104.4	94.8	97.6	86.3	83.2	78.3
Bear River	2,804	103	36.7	57.3	59.1	68.3	54.7	61.6	68.8	60.9	52.1	52.7	44.2	44.0	37.3	33.1
Box Elder	721	19	26.4	35.5	57.0	52.2	38.4	47.7	52.9	29.4	40.4	41.4	35.1	38.0	21.5	28.6
Cache	2,054	84	40.9	69.3	61.1	77.9	63.9	68.5	76.9	74.7	58.0	56.3	47.9	46.9	43.3	35.1
Rich	29	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Central Utah	1,153	17	14.7	21.9	38.0	29.5	27.8	30.8	35.8	36.7	46.2	40.4	31.7	29.2	29.5	24.8
Juab	168	1	--	46.4	57.6	66.7	--	--	--	--	--	--	--	--	--	--
Millard	209	6	--	--	42.2	29.0	--	--	52.6	30.4	33.3	--	--	36.5	51.0	--
Piute	20	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sanpete	410	6	--	18.0	30.3	--	30.6	37.5	35.9	26.9	65.6	37.9	--	30.1	21.9	21.2
Sevier	306	3	--	18.9	31.4	24.1	42.7	--	--	44.0	34.5	54.2	59.8	31.0	33.7	31.7
Wayne	40	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Davis	4,515	256	56.7	72.3	81.6	102.4	97.2	89.0	93.2	85.5	82.4	67.5	70.6	65.8	62.9	62.1
Salt Lake	16,711	2,091	125.1	145.4	165.4	174.1	183.9	176.0	190.1	181.0	163.2	145.2	156.0	141.4	139.9	129.0
Southeastern	900	32	35.6	51.1	81.3	67.7	76.2	101.9	93.3	87.6	64.5	92.3	115.1	44.2	44.4	36.4
Carbon	325	21	64.6	68.3	118.6	89.6	115.3	162.9	134.9	128.0	99.1	159.6	155.4	86.5	77.7	75.9
Emery	195	4	--	33.3	56.9	27.7	40.2	74.9	70.4	--	--	--	69.2	--	--	--
Grand	128	3	--	121.8	87.0	173.6	144.1	173.9	219.0	183.5	147.7	234.0	282.1	--	70.7	--
San Juan	252	4	--	--	46.1	31.5	30.6	44.9	31.8	57.6	30.8	42.5	50.9	--	--	--
Southwest	2,586	7	2.7	6.9	8.6	11.4	14.2	6.9	13.9	12.7	7.3	6.5	8.8	5.4	5.1	6.8
Beaver	114	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Garfield	73	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron	679	4	--	--	--	16.3	21.2	--	--	--	--	--	--	--	--	12.9
Kane	101	0	--	--	--	--	80.5	--	--	--	--	--	--	--	--	--
Washington	1,619	3	--	--	8.1	--	--	--	--	--	--	--	11.0	5.7	--	--
Summit	402	93	231.3	273.4	270.7	320.2	434.0	375.0	353.7	349.4	340.4	319.3	247.7	245.1	282.7	211.2
Tooele	671	40	59.6	77.5	127.0	136.5	146.0	144.4	148.6	94.9	119.0	142.9	122.7	99.8	94.6	83.6
Uintah Basin	664	15	22.6	49.7	58.8	64.0	53.6	75.2	67.1	72.5	53.4	51.3	48.0	52.2	29.1	31.8
Daggett	4	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Duchesne	248	6	--	35.9	52.1	35.7	48.9	31.1	68.8	35.3	56.9	44.4	--	48.8	--	27.7
Uintah	412	9	21.8	58.9	63.1	79.9	57.8	107.5	67.9	92.4	48.6	56.3	59.0	53.3	38.8	32.3
Utah County	8,709	186	21.4	21.1	30.1	32.9	36.0	34.7	34.6	32.4	30.2	30.8	27.7	28.1	23.6	30.1
Wasatch	241	11	45.6	104.5	52.9	69.3	55.8	138.7	87.6	105.0	75.3	75.6	46.6	--	41.5	34.6
Weber-Morgan	3,653	289	79.1	122.4	116.8	138.9	138.0	141.5	134.6	129.6	122.8	108.6	107.3	88.9	86.2	78.9
Morgan	95	4	--	--	--	--	--	95.2	--	--	--	--	--	--	96.8	--
Weber	3,558	285	80.1	125.3	119.3	141.2	141.0	142.8	137.4	132.5	125.3	110.9	109.3	91.2	85.9	79.9

¹Ratios are per 1,000 live births and are not computed for fewer than seven events.

²Abortion ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. Birth updates can be viewed at the Bureau of Vital Records' internet site (<http://www.health.state.ut.us/bvr/html/summary.html>).

Table 4a. Abortions, live births and ratios by marital status, residents: Utah, 1979-1997

Marital status	Year								
	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total*									
Induced abortions	3,489	3,821	3,576	3,806	3,587	3,877	3,928	4,157	4,191
Live births	41,078	41,786	41,286	41,537	39,441	38,286	37,441	36,383	35,285
Ratio per 1,000 live births	84.9	91.4	86.6	91.6	90.9	101.3	104.9	114.3	118.8
Married**									
Induced abortions	883	975	805	701	608	782	846	865	816
Live births	38,762	39,181	38,592	38,638	36,479	35,195	34,366	33,092	31,372
Ratio per 1,000 live births	22.8	24.9	20.9	18.1	16.7	22.2	24.6	26.1	26.0
Unmarried***									
Induced abortions	2,555	2,820	2,757	3,036	2,901	3,091	3,075	3,291	3,303
Live births	2,316	2,605	2,694	2,899	2,962	3,958	3,259	3,567	3,913
Ratio per 1,000 live births	1,003.2	1,082.5	1,023.4	1,047.3	979.4	1,045.0	943.5	922.6	844.1

Table 4b.

Marital status	Year									
	1988	1989	1990	1991	1992	1993 ¹	1994	1995 ¹	1996	1997
Total*										
Induced abortions	4,149	4,305	4,159	3,759	3,525	3,615	3,304	3,292	3,293	3,140
Live births	36,040	35,558	36,253	36,019	37,198	37,048	38,271	39,554	42,056	43,009
Ratio per 1,000 live births	115.1	121.1	114.7	104.4	94.8	97.6	86.3	83.2	78.3	73.0
Married**										
Induced abortions	740	844	774	853	914	920	862	786	754	794
Live births	31,822	31,056	31,343	30,823	31,567	31,325	32,269	33,338	35,231	35,864
Ratio per 1,000 live births	23.3	27.2	24.7	27.7	29.0	29.4	26.7	23.6	21.4	22.1
Unmarried***										
Induced abortions	3,317	3,443	3,351	2,893	2,598	2,683	2,423	2,494	2,515	2,329
Live births	4,218	4,502	4,910	5,196	5,631	5,723	6,002	6,216	6,825	7,145
Ratio per 1,000 live births	786.4	764.8	682.5	556.8	461.4	468.8	403.7	401.2	368.5	326.0

¹Abortions ratios for data years 1993 and 1995 may change slightly because birth data for these years are updated. These updates can be viewed at the Bureau of Vital Records' internet site (<http://www.health.state.ut.us/bvr/html/summary.html>).

*Women with marital status unknown are included in the annual totals but are not distributed.

**The sum of those women who are married plus those who are separated.

***The sum of women who are widowed, divorced and those who have never married.

Table 5. Population for females 15 to 44 years of age, residents: Utah, 1990-1997

Year	Total all ages	Five year age groups (15 to 44 years of age)					
		15-19	20-24	25-29	30-34	35-39	40-44
1990	395,781	76,813	69,524	68,102	69,158	61,710	50,474
1991	409,884	77,916	74,967	66,719	71,138	64,468	54,676
1992	422,735	82,409	78,270	66,218	72,031	67,511	56,296
1993	435,701	86,766	81,783	65,811	72,966	69,642	58,733
1994	450,381	91,341	84,308	67,753	73,470	71,684	61,825
1995	462,767	95,688	85,520	70,999	72,678	73,308	64,574
1996	474,584	99,482	86,364	75,714	70,808	75,016	67,200
1997	485,705	100,102	91,149	78,301	70,090	75,825	70,238

source: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Demographic Data Retrieval, Analysis and Graphing system at the internet site: <http://www.governor.state.ut.us/dea/Projections/projections.html>; December 31, 1998.

Note: The 1997 Baseline was produced in December of 1996. The last year of historical data is 1996 for population. The 1997 population data are projections.

Table 6. Age-specific abortion rates, residents: Utah, 1975-1997

Year	Total all ages ¹	Age of woman ¹					
		15-19	20-24	25-29	30-34	35-39	40-44
1975*	7.2	9.9	11.2	6.9	3.9	2.5	0.8
1976*	8.2	10.8	12.9	8.0	4.7	2.7	1.2
1977*	9.4	12.4	14.3	9.4	5.8	3.3	1.3
1978*	9.3	11.3	14.8	9.9	5.3	3.2	1.1
1979*	10.6	13.4	16.7	10.8	6.0	3.9	1.5
1980**	11.2	13.5	16.8	12.8	7.4	3.8	1.1
1981*	10.2	12.3	16.5	11.2	7.1	3.0	1.4
1982*	10.5	12.5	17.4	12.2	7.5	3.5	0.8
1983*	9.7	11.5	16.1	11.1	7.1	3.7	1.1
1984*	10.3	12.5	17.7	12.7	6.4	3.5	1.5
1985*	10.4	12.2	17.8	11.7	7.8	4.3	1.3
1986*	10.9	13.3	18.6	12.8	8.2	4.2	1.0
1987*	10.9	13.2	18.3	13.5	8.3	4.4	1.6
1988*	10.7	13.6	18.5	13.3	7.7	4.2	1.4
1989*	11.0	13.4	19.7	13.9	8.5	4.3	1.2
1990**	10.5	12.6	19.7	13.2	7.8	4.1	1.5
1991***	9.2	10.7	16.8	11.6	7.1	4.0	1.3
1992***	8.3	8.6	15.3	11.5	6.5	4.0	1.1
1993***	8.3	8.3	14.9	12.0	6.5	3.9	1.2
1994***	7.3	7.1	12.6	10.6	6.5	3.8	1.3
1995***	7.1	6.3	12.3	11.0	6.6	3.7	1.2
1996***	6.9	6.6	12.3	9.7	6.9	3.2	1.3
1997***	6.4	5.7	9.4	8.2	6.0	3.5	1.2

¹Rates for total all ages are per 1,000 females 15 to 44 years of age and the abortion component includes women less than 15 years of age, 45 years and older and age unknown.

*Rates for years prior to 1990 are not updated annually. Population source: Unpublished July 1 historical estimates/projections from the Utah Office of Planning and Budget, Economic and Demographic Analysis section, January 1993 and September 1994.

**Population source: April 1 U.S. Census MARS population.

***Source: Demographic and Economic Analysis section, Governor's Office of Planning and Budget; Demographic Data Retrieval, Analysis and Graphing system at the internet site: <http://www.governor.state.ut.us/dea/Projections/projections.html>; December 31, 1998.



1997 Reference Tables:
Abortions



Table R1. Abortions by health district, county of residence of woman and place of occurrence: Utah, 1997

District and county	Place of occurrence		
	Total	Salt Lake	Out of State
Total	3,416	3,408	8
Bear River	103	102	1
Box Elder	19	19	0
Cache	84	83	1
Rich	0	0	0
Central Utah	17	17	0
Juab	1	1	0
Millard	6	6	0
Piute	0	0	0
Sanpete	6	6	0
Sevier	3	3	0
Wayne	1	1	0
Davis	256	255	1
Salt Lake	2,091	2,088	3
Southeastern	32	30	2
Carbon	21	21	0
Emery	4	4	0
Grand	3	2	1
San Juan	4	3	1
Southwest	7	7	0
Beaver	0	0	0
Garfield	0	0	0
Iron	4	4	0
Kane	0	0	0
Washington	3	3	0
Summit	93	93	0
Tooele	40	40	0
Uintah Basin	15	15	0
Daggett	0	0	0
Duchesne	6	6	0
Uintah	9	9	0
Utah County	186	186	0
Wasatch	11	11	0
Weber-Morgan	289	288	1
Morgan	4	4	0
Weber	285	284	1
Out of state	276	276	0

Note: Out-of-state occurrences to residents of Utah include: Indiana, 1; Kansas, 1; New Mexico, 4; Oregon, 1; and Washington, 1.

Table R2. Abortions by health district, county of residence and age of woman, residents: Utah, 1997

District and county	Total	Age of woman										Un- known
		Under 15	15 to 19			20-24	25-29	30-34	35-39	40-44	45 and over	
			Total	15-17	18-19							
Total	3,140	21	575	198	377	854	641	421	267	87	9	265
Bear River	103	0	19	6	13	32	20	11	9	2	0	10
Box Elder	19	0	3	1	2	5	4	6	0	1	0	0
Cache	84	0	16	5	11	27	16	5	9	1	0	10
Rich	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	17	0	3	2	1	4	3	2	3	1	0	1
Juab	1	0	0	0	0	0	1	0	0	0	0	0
Millard	6	0	2	2	0	1	1	0	1	0	0	1
Piute	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	6	0	0	0	0	3	1	0	1	1	0	0
Sevier	3	0	1	0	1	0	0	2	0	0	0	0
Wayne	1	0	0	0	0	0	0	0	1	0	0	0
Davis	256	4	44	15	29	63	54	44	20	3	0	24
Salt Lake	2,091	11	364	119	245	554	455	274	183	56	6	188
Southeastern	32	1	6	4	2	10	5	7	1	0	0	2
Carbon	21	1	3	2	1	7	4	4	1	0	0	1
Emery	4	0	1	1	0	2	0	1	0	0	0	0
Grand	3	0	0	0	0	0	1	2	0	0	0	0
San Juan	4	0	2	1	1	1	0	0	0	0	0	1
Southwest	7	0	1	1	0	2	2	0	0	1	0	1
Beaver	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0
Iron	4	0	1	1	0	2	1	0	0	0	0	0
Kane	0	0	0	0	0	0	0	0	0	0	0	0
Washington	3	0	0	0	0	0	1	0	0	1	0	1
Summit	93	0	12	2	10	23	13	20	15	6	0	4
Tooele	40	1	12	5	7	11	8	5	0	0	0	3
Uintah Basin	15	0	4	2	2	3	1	3	1	3	0	0
Daggett	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	6	0	1	0	1	2	1	1	0	1	0	0
Uintah	9	0	3	2	1	1	0	2	1	2	0	0
Utah County	186	1	32	8	24	63	38	22	15	5	0	10
Wasatch	11	0	2	2	0	3	0	2	0	0	1	3
Weber-	289	3	76	32	44	86	42	31	20	10	2	19
Morgan	4	0	1	1	0	2	1	0	0	0	0	0
Weber	285	3	75	31	44	84	41	31	20	10	2	19

Table R3. Abortions by health district, county of residence and month of occurrence: Utah, 1997

District and county	Total	Month of occurrence											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total	3,140	281	255	267	288	265	238	236	290	273	294	215	238
Bear River	103	8	10	8	4	11	10	6	3	11	13	7	12
Box Elder	19	0	3	1	1	1	2	1	2	3	3	1	1
Cache	84	8	7	7	3	10	8	5	1	8	10	6	11
Rich	0	0	0	0	0	0	0	0	0	0	0	0	0
Central Utah	17	3	0	3	1	3	0	2	1	2	1	1	0
Juab	1	0	0	0	0	0	0	1	0	0	0	0	0
Millard	6	1	0	2	0	2	0	0	0	1	0	0	0
Piute	0	0	0	0	0	0	0	0	0	0	0	0	0
Sanpete	6	2	0	0	1	0	0	1	0	1	1	0	0
Sevier	3	0	0	1	0	0	0	0	1	0	0	1	0
Wayne	1	0	0	0	0	1	0	0	0	0	0	0	0
Davis	256	21	25	23	23	22	22	21	23	22	22	22	10
Salt Lake	2,091	184	172	181	196	174	153	145	206	180	205	132	163
Southeastern	32	5	2	3	1	3	3	0	2	3	1	5	4
Carbon	21	1	1	3	0	2	2	0	1	2	1	4	4
Emery	4	3	0	0	0	0	0	0	0	1	0	0	0
Grand	3	1	1	0	0	1	0	0	0	0	0	0	0
San Juan	4	0	0	0	1	0	1	0	1	0	0	1	0
Southwest	7	1	0	0	1	1	3	0	0	0	0	0	1
Beaver	0	0	0	0	0	0	0	0	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0	0	0	0	0	0
Iron	4	0	0	0	1	1	1	0	0	0	0	0	1
Kane	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	3	1	0	0	0	0	2	0	0	0	0	0	0
Summit	93	9	9	9	11	7	6	12	5	7	9	4	5
Tooele	40	3	2	2	2	4	4	3	7	3	4	2	4
Uintah Basin	15	2	2	1	2	1	1	2	0	0	2	1	1
Daggett	0	0	0	0	0	0	0	0	0	0	0	0	0
Duchesne	6	2	1	0	1	0	0	0	0	0	1	1	0
Uintah	9	0	1	1	1	1	1	2	0	0	1	0	1
Utah County	186	15	12	18	15	13	21	19	14	20	9	13	17
Wasatch	11	1	2	0	2	0	0	2	3	0	0	1	0
Weber-	289	29	19	19	30	26	15	24	26	25	28	27	21
Morgan	4	0	2	0	0	1	1	0	0	0	0	0	0
Weber	285	29	17	19	30	25	14	24	26	25	28	27	21

Table R4. Abortions by age and marital status of woman, residents: Utah, 1997

Age	Total	Marital status of woman					Un- known
		Never married	Married	Widowed	Divorced	Separated	
Total	3,140	1,787	568	18	524	226	17
Under 15	21	21	0	0	0	0	0
Total 15 to 19	575	525	32	0	5	7	6
15-17	198	189	4	0	0	2	3
18-19	377	336	28	0	5	5	3
20-24	854	607	103	2	79	58	5
25-29	641	283	140	2	146	66	4
30-34	421	122	97	9	151	42	0
35-39	267	54	116	2	67	27	1
40-44	87	12	32	1	35	7	0
45 and over	9	1	6	0	2	0	0
Unknown	265	162	42	2	39	19	1

Table R5. Abortions by age and education of woman, residents: Utah, 1997

Age	Total	Education of woman			Un- known
		Under 12 years	High school	Over 12 years	
Total	3,140	502	1,390	1,222	26
Under 15	21	21	0	0	0
Total 15 to 19	575	248	266	60	1
15-17	198	182	14	1	1
18-19	377	66	252	59	0
20-24	854	87	443	315	9
25-29	641	59	256	322	4
30-34	421	31	161	221	8
35-39	267	15	111	139	2
40-44	87	5	27	55	0
45 and over	9	1	3	5	0
Unknown	265	35	123	105	2

Table R6. Abortions by age and race of woman, residents: Utah, 1997

Age	Total	Race of woman					Un-known
		White	Black	Asian and Pacific Islander	Native American	Other	
Total	3,140	2,664	57	43	1	46	329
Under 15	21	17	1	0	0	0	3
Total 15 to 19	575	505	7	8	0	13	42
15-17	198	178	4	1	0	3	12
18-19	377	327	3	7	0	10	30
20-24	854	723	23	10	0	17	81
25-29	641	543	9	9	0	4	76
30-34	421	355	6	7	0	7	46
35-39	267	228	7	3	0	1	28
40-44	87	73	1	2	0	1	10
45 and over	9	8	0	0	1	0	0
Unknown	265	212	3	4	0	3	43

Table R7. Abortions by age of woman and weeks gestation, residents: Utah, 1997

Age	Total	Weeks gestation								Un-known
		Under five	5-6	7-8	9-10	11-12	13-14	15-20	21 and over	
Total	3,140	21	596	1,177	836	229	85	172	4	20
Under 15	21	0	2	8	4	1	0	6	0	0
Total 15 to 19	575	7	68	213	177	45	18	44	0	3
15-17	198	3	19	72	63	15	5	21	0	0
18-19	377	4	49	141	114	30	13	23	0	3
20-24	854	5	159	291	260	68	22	41	2	6
25-29	641	4	118	259	161	48	17	31	0	3
30-34	421	4	106	161	91	23	7	23	0	6
35-39	267	0	74	107	49	16	8	9	2	2
40-44	87	1	14	39	21	6	3	3	0	0
45 and over	9	0	2	3	0	2	0	2	0	0
Unknown	265	0	53	96	73	20	10	13	0	0

Table R8. Abortions by age of woman and number of prior live births, residents: Utah, 1997

Age	Prior live births							Un- known
	Total	None	One	Two	Three	Four	Five or more	
Total	3,140	1,355	770	627	245	80	44	19
Under 15	21	21	0	0	0	0	0	0
Total 15 to 19	575	454	104	16	0	1	0	0
15-17	198	182	14	2	0	0	0	0
18-19	377	272	90	14	0	1	0	0
20-24	854	415	266	137	25	2	2	7
25-29	641	199	178	175	71	8	7	3
30-34	421	92	81	135	67	28	12	6
35-39	267	50	43	79	54	24	16	1
40-44	87	11	20	28	11	11	5	1
45 and over	9	1	0	5	2	1	0	0
Unknown	265	112	78	52	15	5	2	1

Table R9. Abortions by age of woman and number of prior abortions, residents: Utah, 1997

Age	Prior abortions							Un- known
	Total	None	One	Two	Three	Four	Five or more	
Total	3,140	2,028	701	248	95	35	25	8
Under 15	21	21	0	0	0	0	0	0
Total 15 to 19	575	519	49	7	0	0	0	0
15-17	198	187	10	1	0	0	0	0
18-19	377	332	39	6	0	0	0	0
20-24	854	589	182	61	15	0	2	5
25-29	641	341	189	66	22	13	9	1
30-34	421	207	126	43	29	10	6	0
35-39	267	127	72	36	18	7	5	2
40-44	87	41	23	15	6	0	2	0
45 and over	9	3	3	2	1	0	0	0
Unknown	265	180	57	18	4	5	1	0

Table R10. Abortions by age of woman and reason for termination, residents: Utah, 1997

Age	Total	Reason for termination							
		Maternal life en- dangered	Thera- peutic	Fetal malform- ation	Rape	Incest	Elect- ive	Other	Un- known
Total	3,140	10	3,054	17	39	3	2	2	13
Under 15	21	0	18	0	2	1	0	0	0
Total 15 to 19	575	2	555	2	9	0	1	1	5
15-17	198	1	190	1	3	0	1	0	2
18-19	377	1	365	1	6	0	0	1	3
20-24	854	1	838	2	10	0	1	0	2
25-29	641	1	629	3	5	1	0	0	2
30-34	421	4	406	0	7	1	0	0	3
35-39	267	2	258	4	2	0	0	1	0
40-44	87	0	83	3	0	0	0	0	1
45 and over	9	0	7	2	0	0	0	0	0
Unknown	265	0	260	1	4	0	0	0	0

There were no occurrences for HIV.

Table R11. Abortions by age of woman and method of termination, residents: Utah, 1997

Age	Total	Method of termination						
		Dilation evacuation	Suction curettage	Sharp curettage	Saline Instillation	Prostaglandin instillation	Hyster- ectomy	Un- known
Total	3,140	2,768	48	301	4	1	1	17
Under 15	21	14	1	6	0	0	0	0
Total 15 to 19	575	494	7	68	0	0	0	6
15-17	198	162	3	30	0	0	0	3
18-19	377	332	4	38	0	0	0	3
20-24	854	754	12	84	2	0	0	2
25-29	641	571	5	62	0	0	0	3
30-34	421	378	6	32	0	1	0	4
35-39	267	240	8	17	2	0	0	0
40-44	87	78	3	5	0	0	1	0
45 and over	9	5	1	3	0	0	0	0
Unknown	265	234	5	24	0	0	0	2

Note: There were no reported cases of hysterotomy.

Table R12. Abortions by age of woman and mention of any complications, residents: Utah, 1997

Age	Total	Mention of any complication		
		Yes	No	Un-known
Total	3,140	1	3,139	0
Under 15	21	0	21	0
Total 15 to 19	575	0	575	0
15-17	198	0	198	0
18-19	377	0	377	0
20-24	854	0	854	0
25-29	641	0	641	0
30-34	421	1	420	0
35-39	267	0	267	0
40-44	87	0	87	0
45 and over	9	0	9	0
Unknown	265	0	265	0

Table R13. Abortions by age of woman and contraceptive history, residents: Utah, 1997

Age	Total	Contraceptive history		
		Yes	No	Un-known
Total	3,140	2,168	952	20
Under 15	21	12	9	0
Total 15 to 19	575	365	206	4
15-17	198	121	75	2
18-19	377	244	131	2
20-24	854	619	231	4
25-29	641	454	183	4
30-34	421	295	123	3
35-39	267	174	89	4
40-44	87	62	25	0
45 and over	9	3	6	0
Unknown	265	184	80	1

Table R14. Abortions by age of woman and method of contraception, residents: Utah, 1997

Age	Total	Method of contraception											Not Applic- able
		Oral (pill)	Dia- phragm	Foam Jelly	Condom	I U D	Surgical Steril- ization	Rhythm	Coitus inter- ruptus	Depo- pro vera	Other	Un- known	
Total	3,140	687	27	47	1,095	19	23	63	16	130	35	46	952
Under 15	21	2	0	0	8	0	0	0	0	1	0	1	9
Total 15 to 19	575	107	1	3	213	1	0	4	0	28	3	9	206
15-17	198	33	0	0	79	0	0	2	0	6	0	3	75
18-19	377	74	1	3	134	1	0	2	0	22	3	6	131
20-24	854	219	2	10	316	1	5	4	3	43	12	8	231
25-29	641	158	4	9	214	8	2	13	5	29	7	9	183
30-34	421	82	9	8	143	4	6	16	3	14	4	9	123
35-39	267	34	4	9	87	2	5	16	2	4	6	9	89
40-44	87	15	5	4	27	2	1	3	1	3	1	0	25
45 and over	9	0	0	0	3	0	0	0	0	0	0	0	6
Unknown	265	70	2	4	84	1	4	7	2	8	2	1	80

Table R15. Abortions by age of woman and omission of contraceptive, residents: Utah, 1997

Age	Total	Was contraceptive omitted			None used
		Yes	No	Unknown	
Total	3,140	952	1,302	828	58
Under 15	21	9	9	3	0
Total 15 to 19	575	206	268	94	7
15-17	198	75	86	33	4
18-19	377	131	182	61	3
20-24	854	231	379	231	13
25-29	641	183	263	179	16
30-34	421	123	159	131	8
35-39	267	89	78	91	9
40-44	87	25	29	32	1
45 and over	9	6	1	2	0
Unknown	265	80	116	65	4

Table R16. Abortions by weeks gestation and marital status of woman, residents: Utah, 1997

Weeks	Total	Marital status of woman					Un-known
		Never married	Married	Widowed	Divorced	Separated	
Total	3,140	1,787	568	18	524	226	17
Under 5	21	15	2	0	4	0	0
5-6	596	307	124	3	121	38	3
7-8	1,177	653	226	9	196	89	4
9-10	836	500	124	5	130	69	8
11-12	229	132	47	0	39	10	1
13-14	85	50	14	1	12	8	0
15-20	172	120	26	0	15	11	0
21 and over	4	1	3	0	0	0	0
Unknown	20	9	2	0	7	1	1

Table R17. Abortions by weeks gestation and race of woman, residents: Utah, 1997

Weeks	Total	Race of woman					Un- known
		White	Black	Asian	Asian and Pacific Islander	Other	
Total	3,140	2,664	57	43	1	46	329
Under 5	21	18	0	2	0	0	1
5-6	596	498	10	3	1	3	81
7-8	1,177	1,013	20	13	0	11	120
9-10	836	705	11	14	0	23	83
11-12	229	195	5	6	0	5	18
13-14	85	71	4	2	0	1	7
15-20	172	145	7	3	0	3	14
21 and over	4	3	0	0	0	0	1
Unknown	20	16	0	0	0	0	4

Table R18. Abortions by weeks gestation and number of prior abortions, residents: Utah, 1997

Weeks	Total	Number of prior abortions						Un- known
		None	One	Two	Three	Four	Five or more	
Total	3,140	2,028	701	248	95	35	25	8
Under 5	21	12	4	3	1	0	1	0
5-6	596	365	138	57	17	10	8	1
7-8	1,177	760	251	92	44	15	11	4
9-10	836	572	181	56	21	4	1	1
11-12	229	143	57	17	6	2	3	1
13-14	85	49	24	8	2	1	1	0
15-20	172	111	41	14	3	3	0	0
21 and over	4	3	0	0	0	0	0	1
Unknown	20	13	5	1	1	0	0	0

Table R19. Abortions by weeks gestation and reason for termination, residents: Utah, 1997

Weeks	Total	Reason for termination							Un-known
		Maternal life en- dangered	Thera- peutic	Fetal malform- ation	Rape	Incest	Elec- tive	Other	
Total	3,140	10	3,054	17	39	3	2	2	13
Under 5	21	0	20	0	1	0	0	0	0
5-6	596	1	584	2	6	1	0	0	2
7-8	1,177	4	1,154	3	13	1	0	1	1
9-10	836	1	817	2	8	0	1	0	7
11-12	229	0	225	1	1	0	0	1	1
13-14	85	0	83	0	2	0	0	0	0
15-20	172	2	152	8	8	1	1	0	0
21 and over	4	1	1	1	0	0	0	0	1
Unknown	20	1	18	0	0	0	0	0	1

Note: There were no reported cases of HIV.

Table R20. Abortions by weeks gestation and method of termination, residents: Utah, 1997

Weeks	Total	Method of termination						Un-known
		Dilation evacuation	Suction curettage	Sharp curettage	Saline Instill- ation	Prosta glandin instillation	Hyster- ectomy	
Total	3,140	2,768	48	301	4	1	1	17
Under 5	21	21	0	0	0	0	0	0
5-6	596	585	8	2	0	0	0	1
7-8	1,177	1,153	21	2	0	0	0	1
9-10	836	814	5	12	0	0	0	5
11-12	229	141	5	80	0	0	1	2
13-14	85	19	3	62	0	0	0	1
15-20	172	16	6	142	2	1	0	5
21 and over	4	1	0	0	2	0	0	1
Unknown	20	18	0	1	0	0	0	1

Note: There were no reported cases of hysterotomy.

Table R21. Abortions by method of contraception and marital status of woman, residents: Utah, 1997

Method	Total	Marital status of woman					Un- Known
		Never married	Married	Widowed	Divorced	Separated	
Total	3,140	1,787	568	18	524	226	17
Oral (pill)	687	401	98	6	125	52	5
Diaphragm	27	12	4	1	9	1	0
Foam jelly	47	16	14	0	12	5	0
Condom	1,095	667	184	5	168	70	1
I U D	19	4	8	0	4	3	0
Surgical sterilization	23	3	11	0	5	4	0
Rhythm	63	28	19	0	10	6	0
Coitus interruptus	16	5	6	0	3	1	1
Depoprovera	130	76	21	1	21	11	0
Other	35	14	9	0	8	4	0
Unknown	46	18	12	1	6	4	5
Not applicable	952	543	182	4	153	65	5

Table R22. Abortions by method of contraception, prior live births and abortions, residents: Utah, 1997

Method	Total	Prior live births and abortions															
		No abortions				One abortion				More than one abortion				Number of abortions unknown			
		No live births		More than one live birth		No live births		More than one live birth		No live births		More than one live birth		No live births		More than one live birth	
		births	birth	birth	known	births	birth	birth	known	births	birth	birth	known	births	birth	birth	known
Total	3,140	1,030	442	556	0	226	207	257	11	99	118	183	3	0	3	0	5
Oral (pill)	687	192	122	95	0	61	56	54	5	20	42	38	1	0	1	0	0
Diaphragm	27	8	1	4	0	5	0	2	0	3	1	3	0	0	0	0	0
Foam jelly	47	5	4	16	0	5	5	4	0	1	2	5	0	0	0	0	0
Condom	1,095	433	134	154	0	81	70	78	1	41	35	64	1	0	0	0	3
I U D	19	1	1	10	0	0	1	3	0	0	2	1	0	0	0	0	0
Surgical sterilization	23	0	3	8	0	1	0	7	0	0	1	3	0	0	0	0	0
Rhythm	63	13	5	14	0	11	3	8	0	4	1	4	0	0	0	0	0
Coitus interruptus	16	4	1	5	0	1	1	1	0	0	3	0	0	0	0	0	0
Depo-provera	130	19	32	30	0	12	8	10	0	3	2	13	0	0	1	0	0
Other	35	4	9	8	0	4	2	3	0	1	2	2	0	0	0	0	0
Unknown	46	18	4	12	0	2	3	3	1	0	1	1	0	0	1	0	0
Not applicable	952	333	126	200	0	43	58	84	4	26	26	49	1	0	0	0	2

Table R23. Abortions by method of contraception by education of woman, residents: Utah, 1997

Method	Total	Education of women			
		Under 12 years	High school	Over 12 years	Un- known
Total	3,140	502	1,390	1,222	26
Oral (pill)	687	87	330	268	2
Diaphragm	27	1	7	18	1
Foam jelly	47	4	19	24	0
Condom	1,095	153	441	494	7
I U D	19	6	4	9	0
Surgical sterilization	23	1	13	9	0
Rhythm	63	2	16	44	1
Coitus interruptus	16	2	5	7	2
Depoprovera	130	19	75	34	2
Other	35	5	13	17	0
Unknown	46	7	19	17	3
Not applicable	952	215	448	281	8

1997 Technical Appendix:
Abortions



Technical Appendix

The National Center for Health Statistics (NCHS), United States Department of Health and Human Services, has coordinated and supported the Vital Statistics Cooperative Program since its inception in 1914. This program provides for the exchange of a vital record between the state where the vital event occurred and the state where the person of record resides. The agreement to exchange reports of induced abortions¹ between the state where the abortion occurs and the woman's state of residence is not as well supported as other agreements like the exchange of birth and death certificates. This is primarily due to the lack of an adequate reporting system for induced abortions in many states.

Between 1975 and 1980, Utah's annual abortion reports were limited to resident events which occurred in Utah; however, since 1981 the Bureau of Vital Records has sought and received abortion data about its residents which have occurred out of state. These numbers are small and suggest an undercount of Utah's resident abortions (Table A1). All abortions to Utah residents which are reported from other states are included in Utah's resident totals for 1997. However, we do not know if all abortions which occurred in other states to Utah residents have been reported.

**Table A1. Reported abortions, occurrences out of state, residents:
Utah, 1981-1997**

Year	Total	CO	ID	IN	KS	NM	OR	WA	WY	Other
1981	71	71	0	*	*	0	0	0	0	0
1982	62	62	0	*	*	0	0	0	0	0
1983	70	70	0	*	*	0	0	0	0	0
1984	85	85	0	*	*	0	0	0	0	0
1985	117	117	0	*	*	0	0	0	0	0
1986	110	110	0	*	*	0	0	0	0	0
1987	78	78	0	*	*	0	0	0	0	0
1988	105	103	1	*	*	0	0	0	1	0
1989	97	93	0	*	*	2	1	0	0	1
1990	99	89	1	*	*	1	1	6	0	1
1991	111	104	1	*	*	2	0	1	0	3
1992	91	83	3	*	*	0	0	2	0	3
1993	88	74	3	*	*	2	1	0	0	8
1994	84	76	4	*	*	1	0	0	0	3
1995	10	0	0	*	*	2	3	0	0	5
1996	11	0	2	*	*	2	3	0	0	4
1997	8	0	0	1	1	4	1	1	0	0

*Abortion occurrences for these and other states are recorded in other if any are reported.

Section 76-7-313, Utah Code Annotated 1953 as amended requires that the report of induced termination of pregnancy (Figure A) be filed with the State of Utah's Department of Health within ten days after the abortion.

For both the summary and reference tables, data are tabulated by health district as well as county of residence to meet the needs of district health departments.

Population data are from the Governor's Office of Planning and Budgets' Demographic and Economic Analysis section. Visit the internet site of the Demographic Data Retrieval, Analysis and Graphing system².

Formulas used to compute rates and ratios used in this report are defined as follows:

$$\text{Abortion Rate} = \frac{\text{Total Number of Induced Abortions to Resident Females (1,000)}}{\text{Total Number of Resident Females 15-44 Years of Age}}$$

$$\text{Abortion Ratio} = \frac{\text{Total Number of Induced Abortions to Resident Females (1,000)}}{\text{Total Number of Live Births to Resident Females}}$$

²Internet site: <http://www.governor.state.ut.us/dea/Projections/projections.html>.

Figure 1a

Figure 1b



UTAH DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH DATA
BUREAU OF VITAL RECORDS
PO BOX 141012
SALT LAKE CITY UT 84114-1012

ADDRESS CORRECTION REQUESTED